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**UTILITY
PATENT APPLICATION
TRANSMITTAL**
(Only for new nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No.	1452.367000
First Inventor	David W. Hughes
Title	System, Method and Computer Program Product for Intuitive Interactive Navigation Control in Virtual Environments
Express Mail Label No.	

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)

2. Applicant claims small entity status.
See 37 CFR 1.27.

3. Specification [Total Pages 43]
(preferred arrangement set forth below)
- Descriptive title of the Invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets 16]

5. Oath or Declaration [Total Pages 2]
a. Newly executed (original or copy)
b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76.

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. CD-ROM or CD-R (2 copies); or
ii. paper
c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))

10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)

11. English Translation Document (if applicable)

12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17. Other: Authorization under 37 C.F.R. § 1.136(a)(3)
 Other: The name of the assignee is: Silicon Graphics, Inc.

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-Part (CIP)
Prior application information: Examiner _____ of prior application No: _____ / _____
Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label

or Correspondence address below

Customer No. 26111

(Insert Customer No. or Attach bar code label here)

26111

NAME	STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.		
Attorneys at Law			
ADDRESS			
CITY	STATE	ZIP CODE	
COUNTRY	TELEPHONE	FAX	

NAME (Print/Type)	Thomas C. Fiala	Registration No. (Attorney/Agent)	43,610
SIGNATURE			
Date	10/16/02		

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT		(\$1104.00)	Attorney Docket No.	1452.3670000
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Complete if Known

Application Number	To Be Assigned
Filing Date	January 16, 2002
First Named Inventor	David W. Hughes
Examiner Name	To Be Assigned
Group Art Unit	To Be Assigned

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)					
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:		3. ADDITIONAL FEES Large Entity Small Entity					
Deposit Account Number	19-0036	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee paid
Deposit Account Name	Sterne, Kessler, Goldstein & Fox P.L.L.C.	105	130	205	65	Surcharge - late filing fee or oath	
<input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17		127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
<input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27		139	130	139	130	Non-English specification	
<input type="checkbox"/> Payment Enclosed:		147	2,520	147	2,520	For filing a request for ex parte reexamination	
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input checked="" type="checkbox"/> Other*		112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036		113	1,840	113	1,840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION							
1. BASIC FILING FEE							
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid		
101	740	201	370	Utility filing fee	\$740.00		
106	330	206	165	Design filing fee			
107	510	207	255	Plant filing fee			
108	740	208	370	Reissue filing fee			
114	160	214	80	Provisional filing fee			
SUBTOTAL (1) (\$ 740.00)							
2. EXTRA CLAIM FEES							
Extra	Fee from below	Fee Paid					
Total Claims 24	- 20** = 4	X \$18.00 = \$72.00					
Indep. Claims 6	- 3** = 3	X \$84.00 = \$252.00					
Multiple Dependent		=					
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description			
103	18	203	9	Claims in excess of 20			
102	84	202	42	Independent claims in excess of 3			
104	280	204	140	Multiple dependent claim			
108	84	209	42	**Reissue independent claims over original patent			
110	18	210	9	**Reissue claims in excess of 20 and over original patent			
SUBTOTAL (2) (\$ 324.00)							
*Reduced by Basic Filing Fee Paid							
SUBTOTAL (3) (\$ 40.00)							

** or number previously paid, if greater; For Reissues, see above

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Thomas C. Fiala	Registration No. (Attorney/Agent)	43,610	Telephone	202-371-2600
Signature				Date	1/16/02

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

SKGF Rev. 10/01/01 mnac

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JHJD 01/16/02
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*LIMITED TO MATTERS
 AND PROCEEDINGS BEFORE
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 **REGISTERED PATENT AGENT

***SENIOR COUNSEL

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January 16, 2002

Commissioner for Patents
 Washington, D.C. 20231

Box Patent Application

Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)
 Appl. No. To Be Assigned; Filed: January 16, 2002

For: **System, Method and Computer Program Product for Intuitive Interactive Navigation Control in Virtual Environments**

Inventor: David W. Hughes
 Our Ref: 1452.3670000

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. PTO Fee Transmittal (Form PTO/SB/17)(*in duplicate*);
2. PTO Utility Patent Application Transmittal (Form PTO/SB/05);
3. Application Data Sheet;
4. U.S. Utility Patent Application entitled:

System, Method and Computer Program Product for Intuitive Interactive Navigation Control in Virtual Environments

Commissioner for Patents
January 16, 2002
Page 2

and naming as inventor:

David W. Hughes

the application consisting of:

- a. A specification containing:
 - i. 34 pages of description prior to the claims;
 - ii. 8 pages of claims (claims 1-24);
 - iii. a one (1) page abstract;
- b. 16 sheet(s) of drawings: (Figures 1-8, 9A-9D, 10A-10D, 11A-11E, 12A-12F, 13A, 13B, 14A, 14B, 15A, 15B, and 16); and
- c. 2 pages of an original executed Declaration;

5. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3)(*in duplicate*);
6. Recordation Form Cover Sheet;
7. An original executed Assignment to Silicon Graphics, Inc., recordation of which is hereby respectfully requested;
8. Two (2) return postcards; and
9. Our check No. 33846 for \$ 1104.00 to cover:

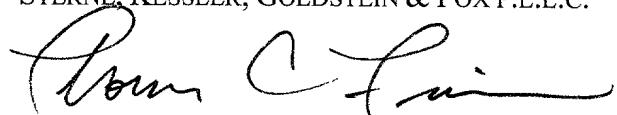
\$ 740.00 Filing fee for patent application;
\$ 40.00 Assignment recordation fee(s); and
\$ 324.00 Fee for excess claims.

Commissioner for Patents
January 16, 2002
Page 3

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Thomas C. Fiala
Attorney for Applicant
Registration No. 43,610

TCF:ayh
Enclosures